

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092554.D
 Acq On : 27 Jan 2017 4:43
 Operator : SJ/MA
 Sample : I1452-07
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-24

Quant Time: Jan 27 06:07:48 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

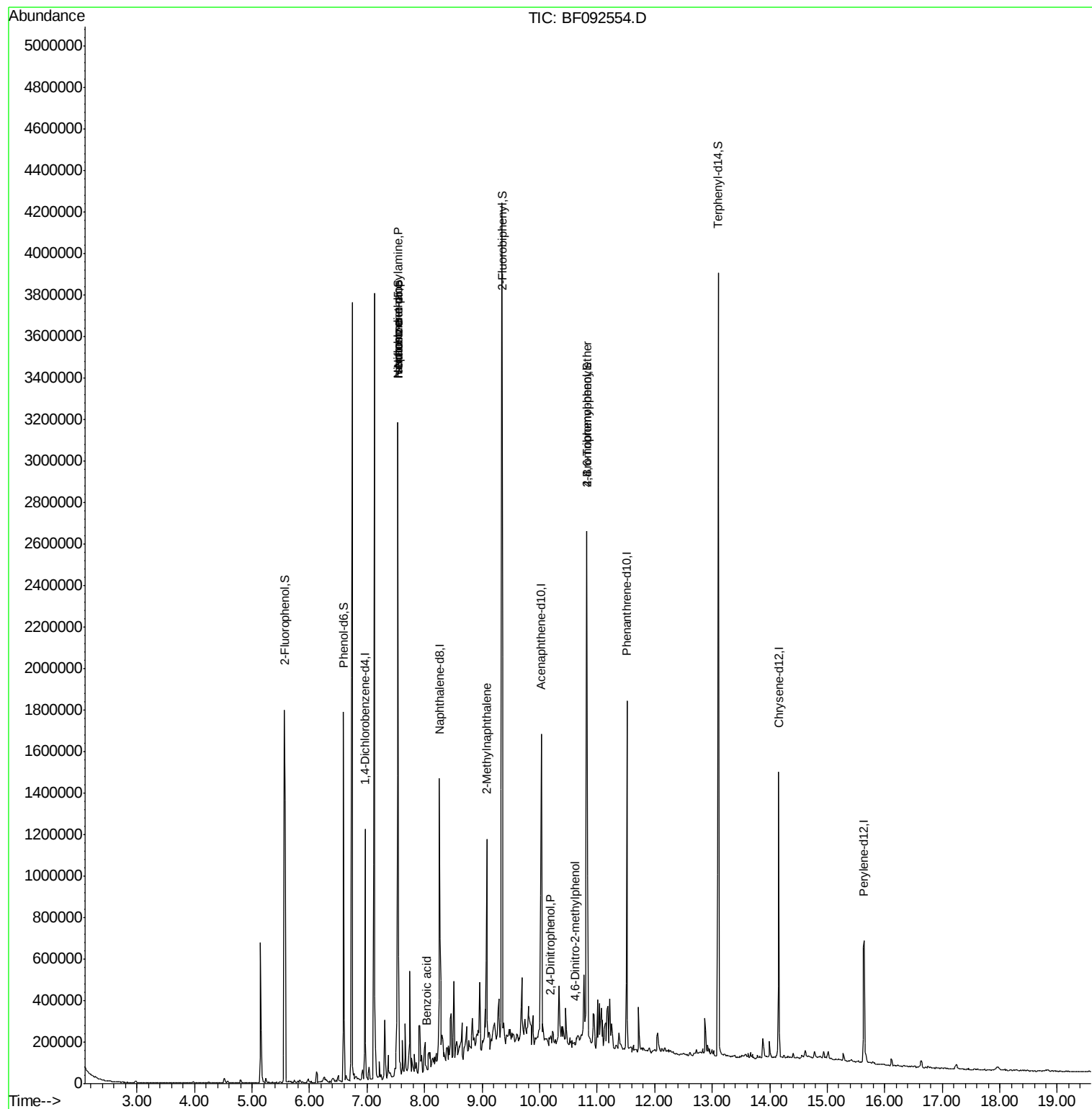
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161083	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	607275	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	361206	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	586504	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	465587	20.00	ng	-0.01
86) Perylene-d12	15.64	264	339287	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	640909	61.90	ng	0.01
7) Phenol-d6	6.59	99	517685	39.25	ng	0.00
23) Nitrobenzene-d5	7.54	82	1061964	95.53	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	343611	139.60	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1762885	90.25	ng	-0.01
78) Terphenyl-d14	13.10	244	1712165	97.92	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	7.54	117	126402	28.35	ng	# 5
19) n-Nitroso-di-n-propylamine	7.54	70	149176	16.61	ng	# 82
25) Isophorone	7.54	82	1013491	46.26	ng	# 65
32) Benzoic acid	8.04	122	2761	5.02	ng	# 37
37) 2-Methylnaphthalene	9.08	142	251999	12.81	ng	97
53) 2,4-Dinitrophenol	10.18	184	273	2.99	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.62	198	740	5.16	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	23546	3.98	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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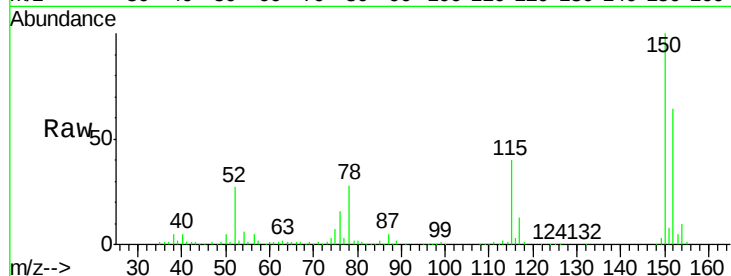


#1

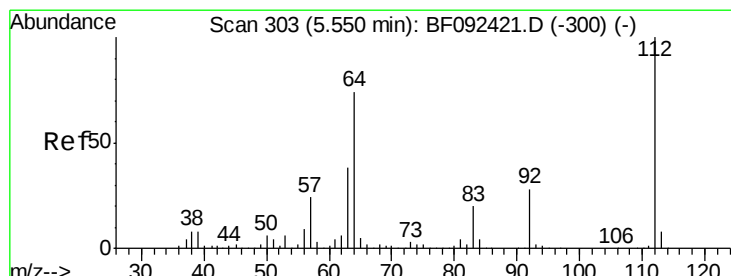
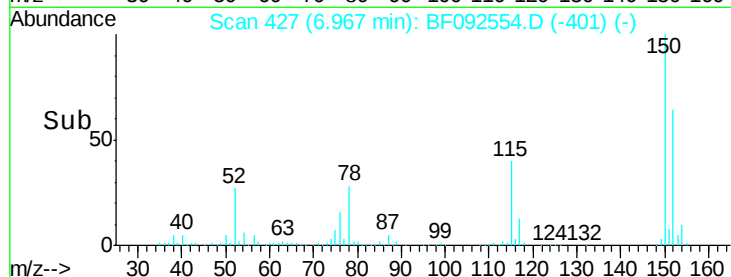
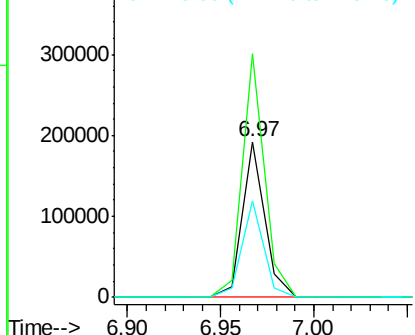
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092554.D
Acq: 27 Jan 2017 4:43

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 161083
Ion Ratio Lower Upper
152 100
150 156.6 124.9 187.3
115 62.4 46.0 69.0



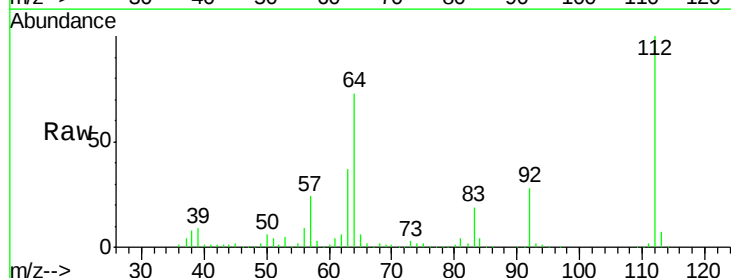
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



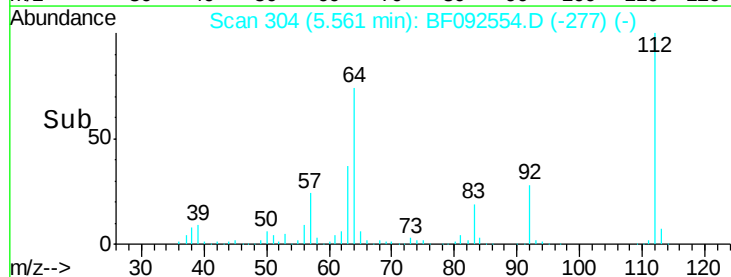
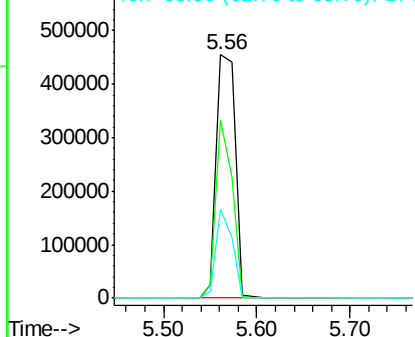
#5

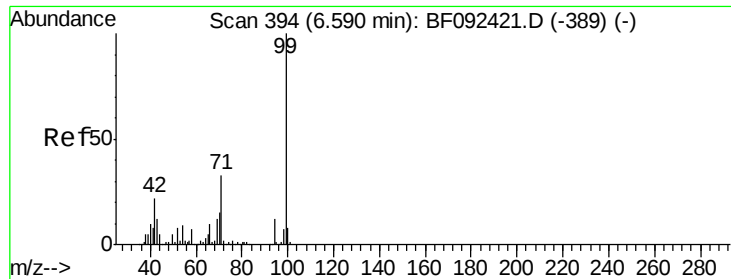
2-Fluorophenol
Concen: 61.90 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092554.D
Acq: 27 Jan 2017 4:43

Tgt Ion:112 Resp: 640909
Ion Ratio Lower Upper
112 100
64 73.3 46.1 69.1#
63 36.6 23.8 35.6#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.25 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092554.D

Acq: 27 Jan 2017 4:43

Instrument :

BNA_F

ClientSampleId :

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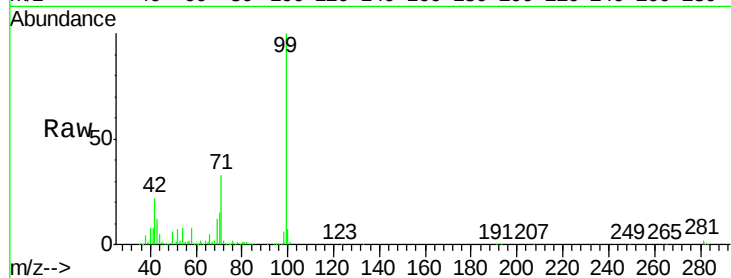
Tgt Ion: 99 Resp: 517685

Ion Ratio Lower Upper

99 100

42 22.2 15.6 23.4

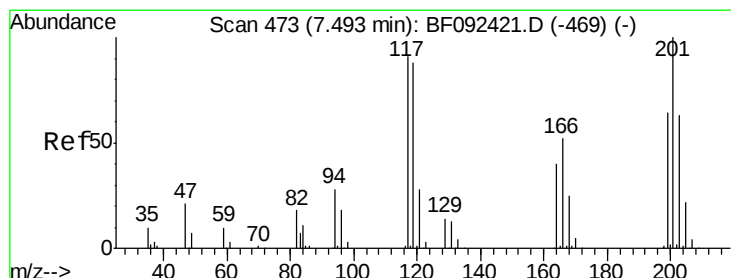
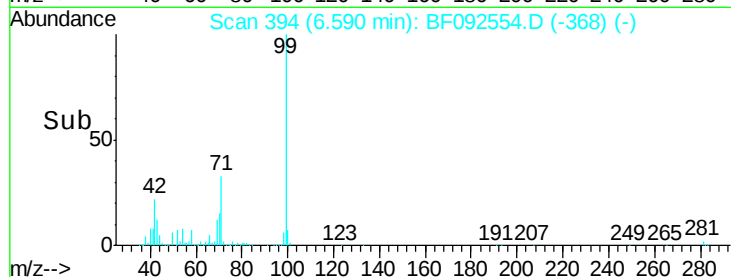
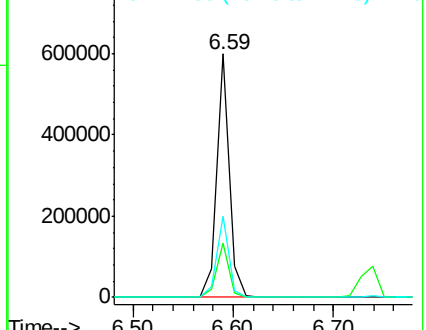
71 33.1 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#18

Hexachloroethane

Concen: 28.35 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.05 min

Lab File: BF092554.D

Acq: 27 Jan 2017 4:43

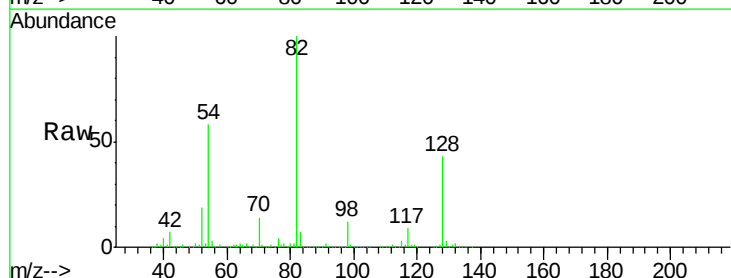
Tgt Ion: 117 Resp: 126402

Ion Ratio Lower Upper

117 100

119 8.7 78.1 117.1#

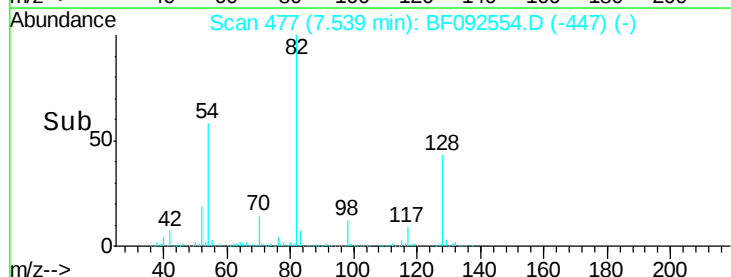
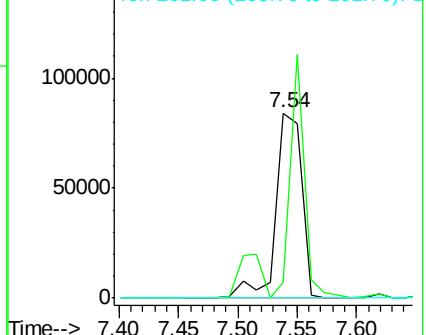
201 0.0 78.6 117.8#

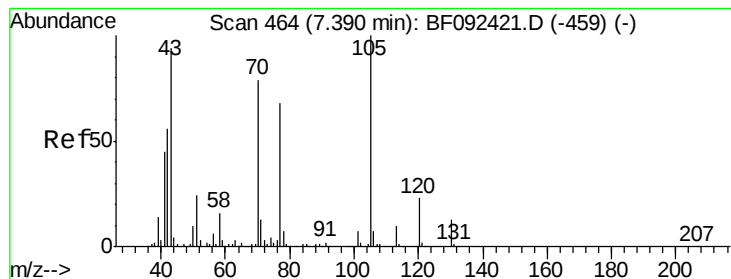


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.61 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092554.D

Acq: 27 Jan 2017 4:43

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 70 Resp: 149176

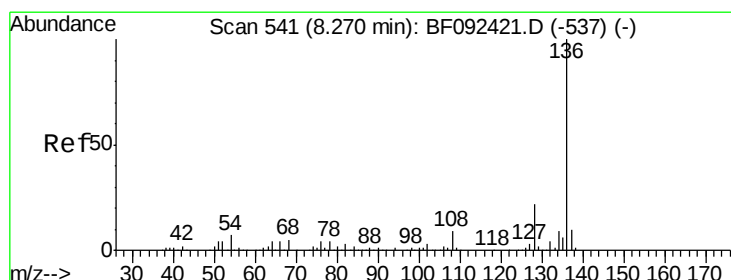
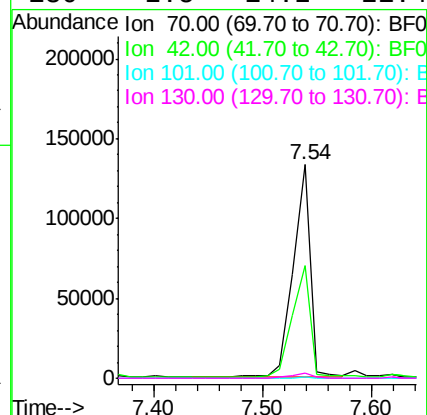
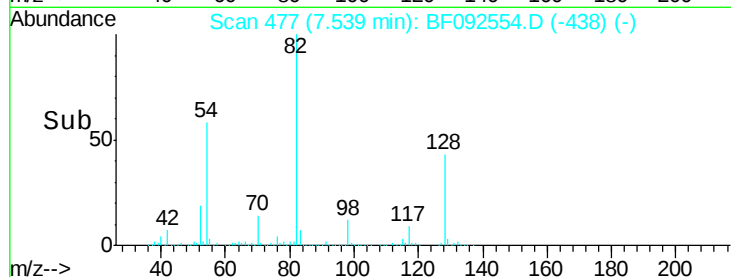
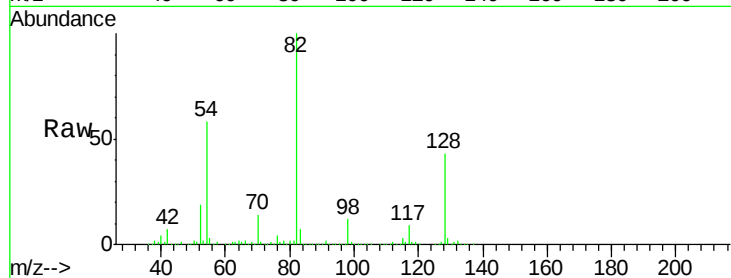
Ion Ratio Lower Upper

70 100

42 52.8 49.4 74.0

101 0.4 7.4 11.2#

130 2.5 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092554.D

Acq: 27 Jan 2017 4:43

Tgt Ion: 136 Resp: 607275

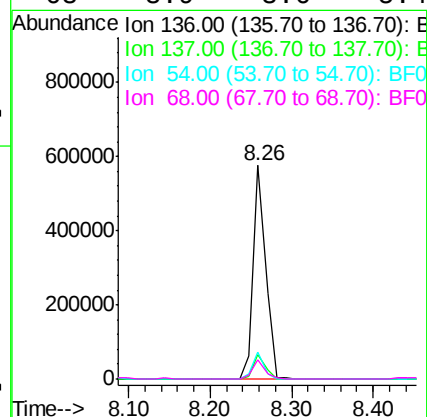
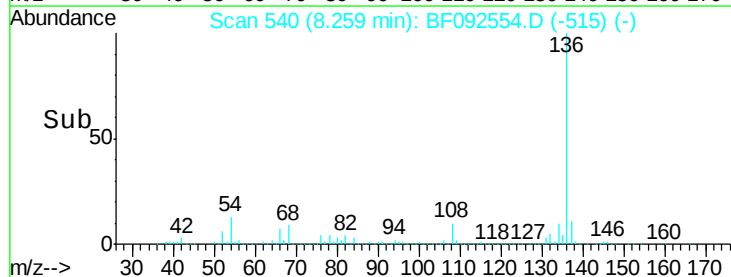
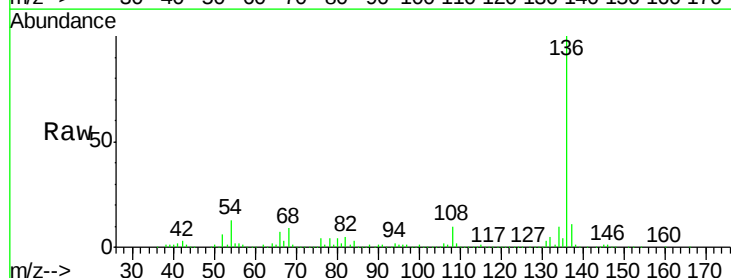
Ion Ratio Lower Upper

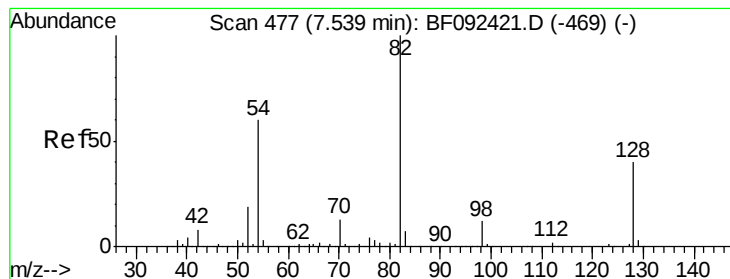
136 100

137 11.2 8.4 12.6

54 12.9 4.5 6.7#

68 8.9 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 95.53 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF092554.D

Acq: 27 Jan 2017 4:43

Instrument :

BNA_F

ClientSampleId :

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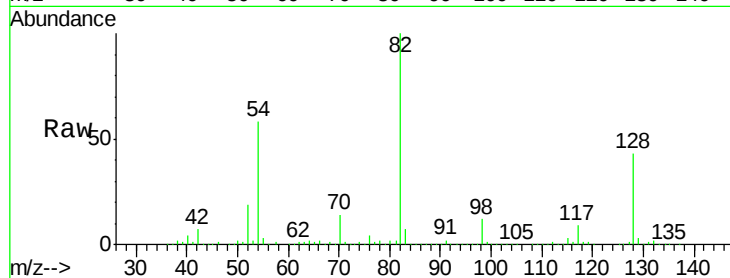
Tgt Ion: 82 Resp: 1061964

Ion Ratio Lower Upper

82 100

128 43.2 34.6 52.0

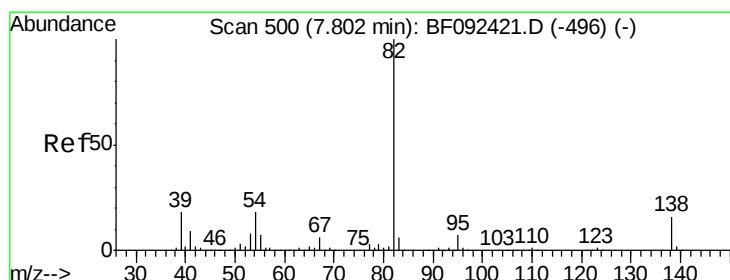
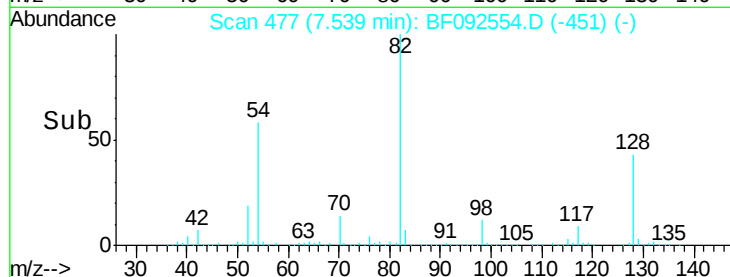
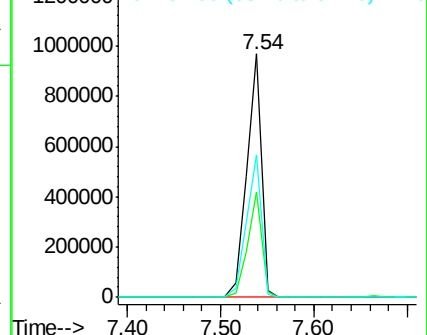
54 58.4 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 46.26 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092554.D

Acq: 27 Jan 2017 4:43

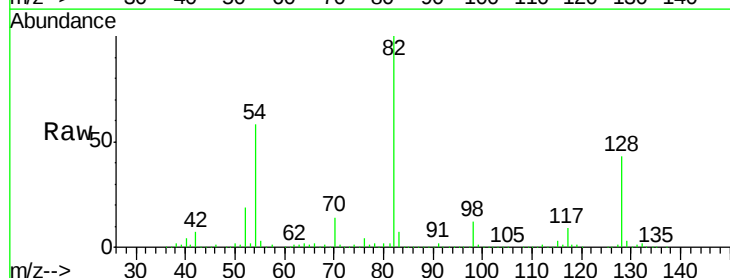
Tgt Ion: 82 Resp: 1013491

Ion Ratio Lower Upper

82 100

95 0.2 5.6 8.4#

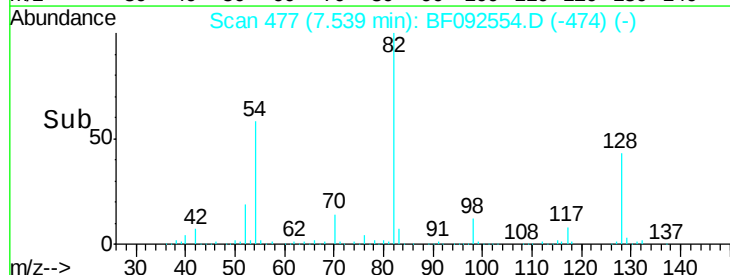
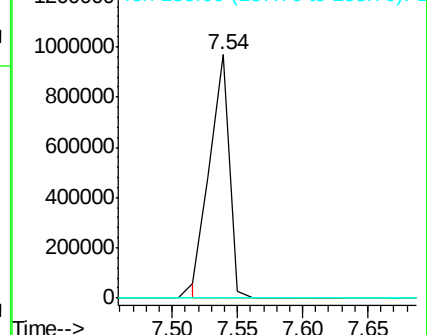
138 0.0 14.6 22.0#

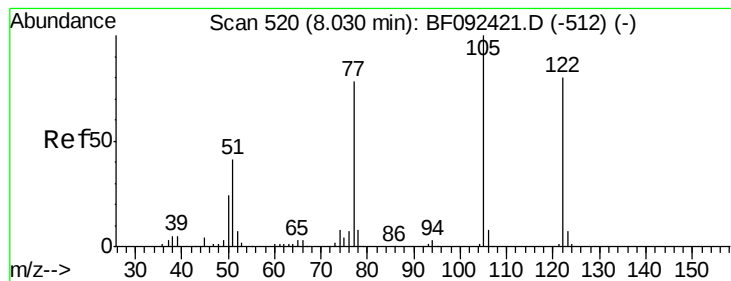


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#32

Benzoic acid

Concen: 5.02 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF092554.D

Acq: 27 Jan 2017 4:43

Instrument :

BNA_F

ClientSampled :

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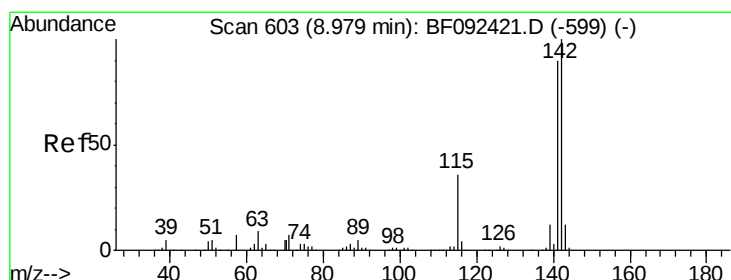
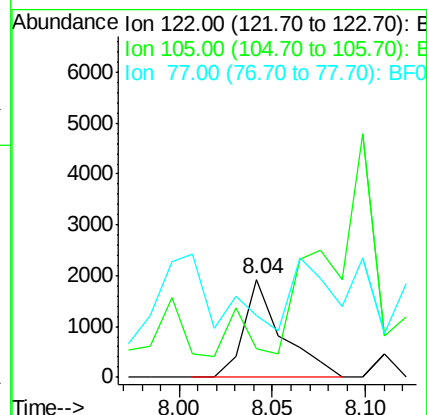
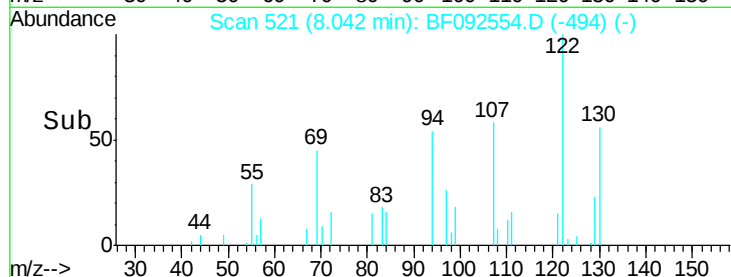
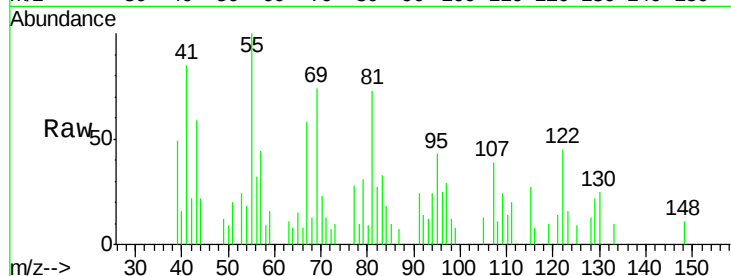
Tgt Ion:122 Resp: 2761

Ion Ratio Lower Upper

122 100

105 29.1 107.2 147.2#

77 63.7 74.5 114.5#



#37

2-Methylnaphthalene

Concen: 12.81 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.10 min

Lab File: BF092554.D

Acq: 27 Jan 2017 4:43

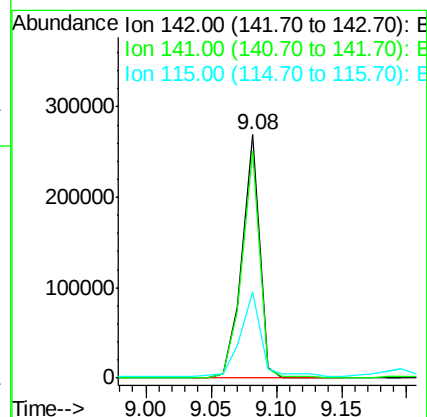
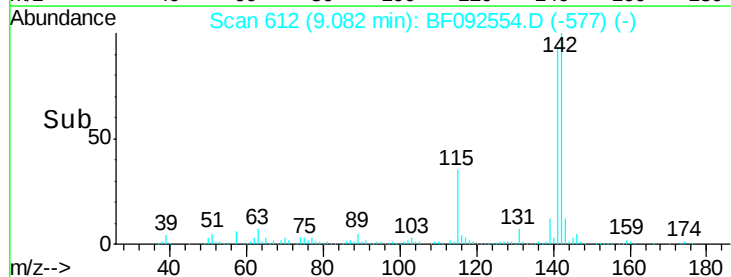
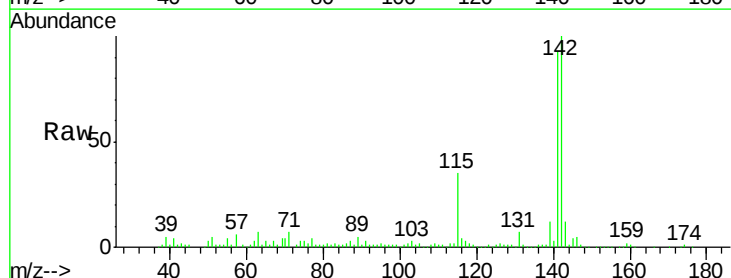
Tgt Ion:142 Resp: 251999

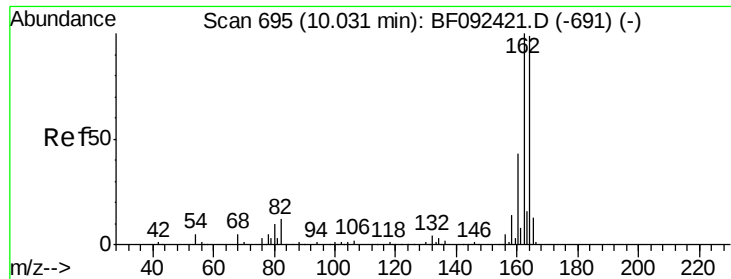
Ion Ratio Lower Upper

142 100

141 93.2 71.0 106.6

115 35.4 28.3 42.5

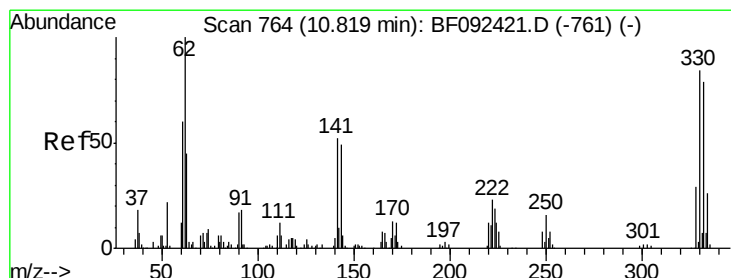
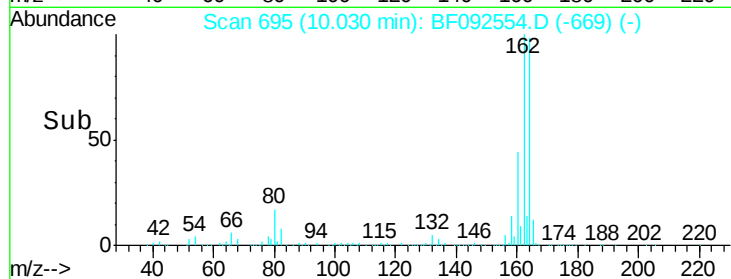
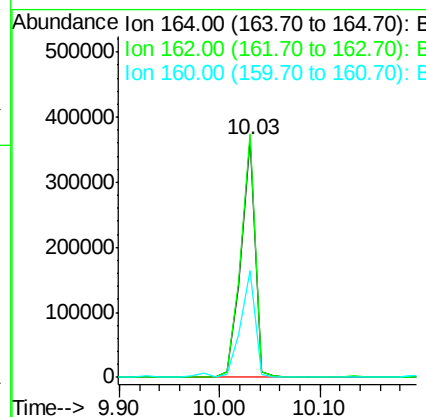
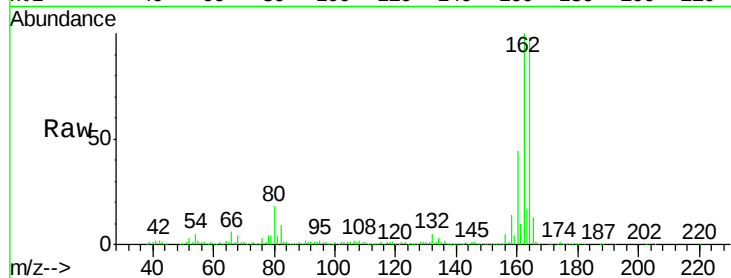




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092554.D
 Acq: 27 Jan 2017 4:43

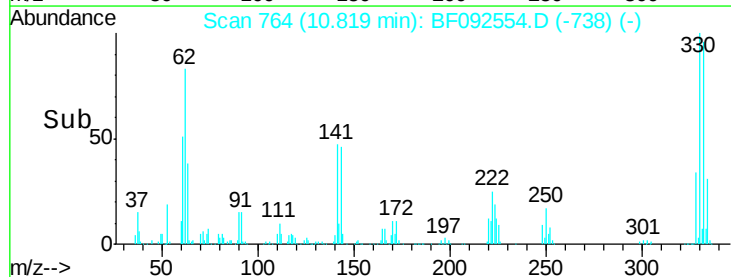
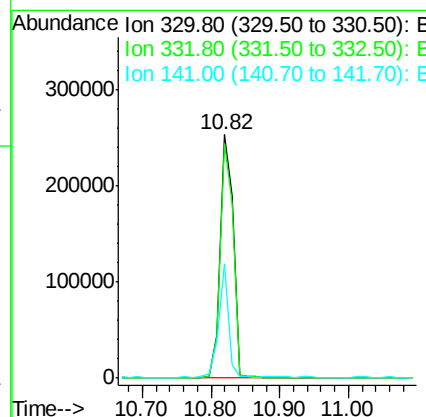
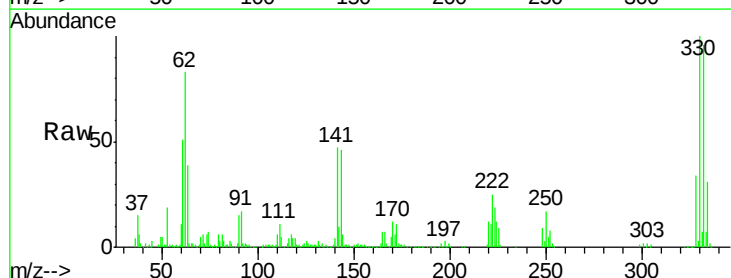
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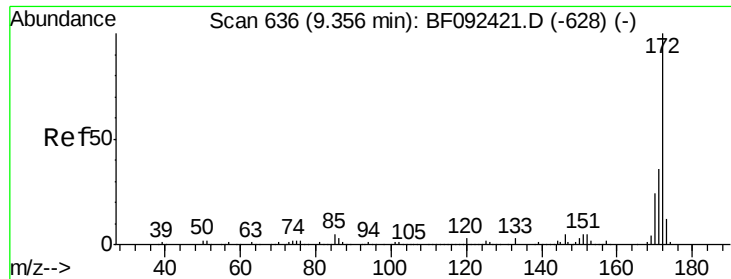
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.2
160	44.7	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 139.60 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092554.D
 Acq: 27 Jan 2017 4:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	34.6	34.1	51.1

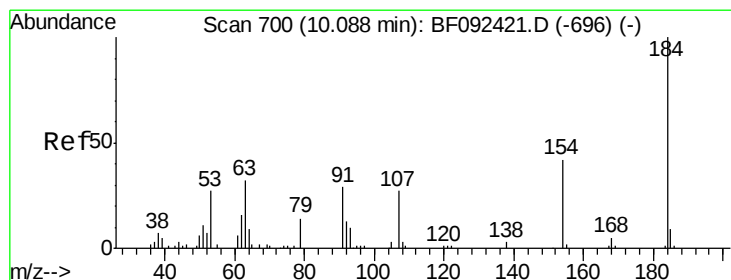
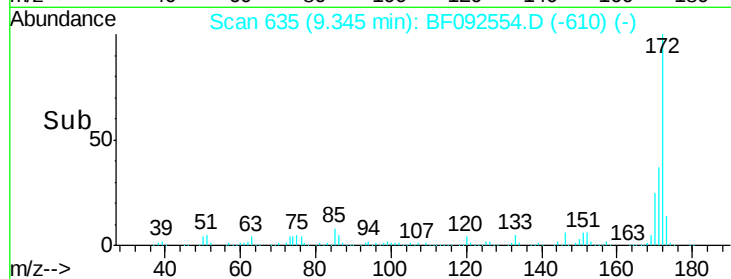
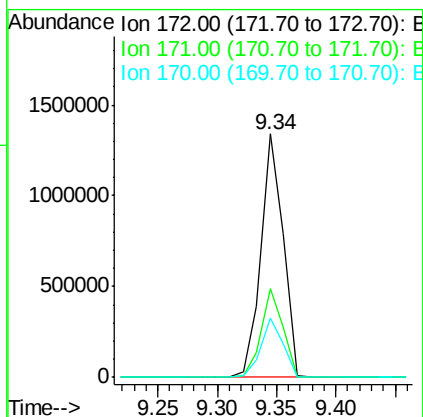
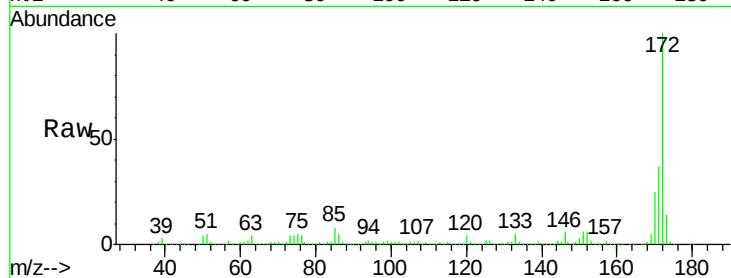




#44
2-Fluorobiphenyl
Concen: 90.25 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092554.D
Acq: 27 Jan 2017 4:43

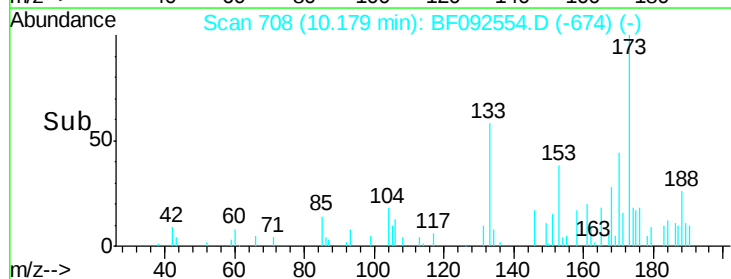
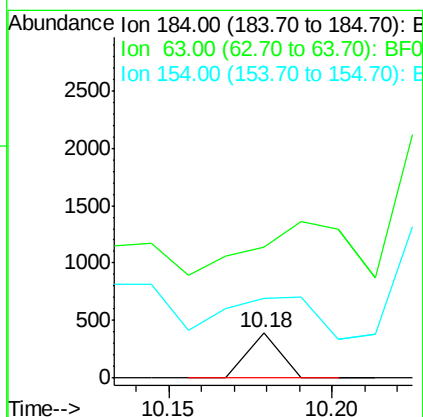
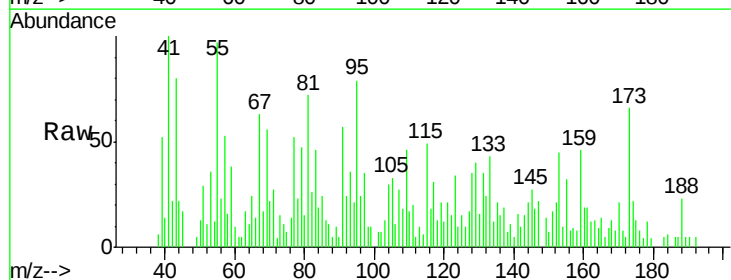
Instrument :
BNA_F
ClientSampleId :
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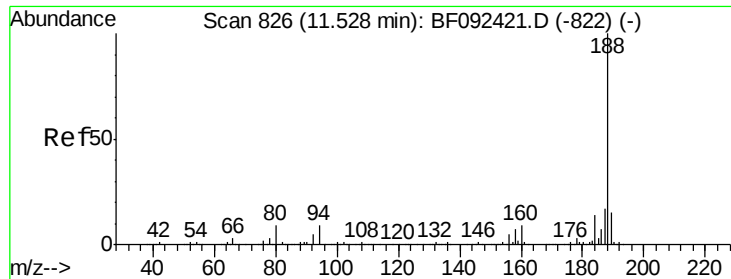
Tgt Ion:172 Resp: 1762885
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.6 20.2 30.4



#53
2,4-Dinitrophenol
Concen: 2.99 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.09 min
Lab File: BF092554.D
Acq: 27 Jan 2017 4:43

Tgt Ion:184 Resp: 273
Ion Ratio Lower Upper
184 100
63 287.2 28.4 42.6#
154 174.6 44.3 66.5#

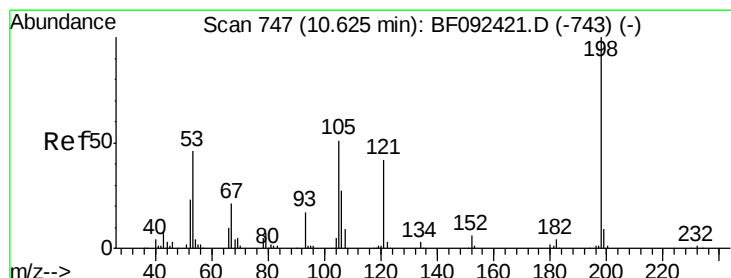
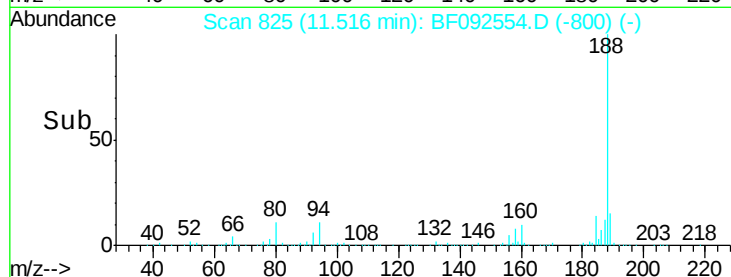
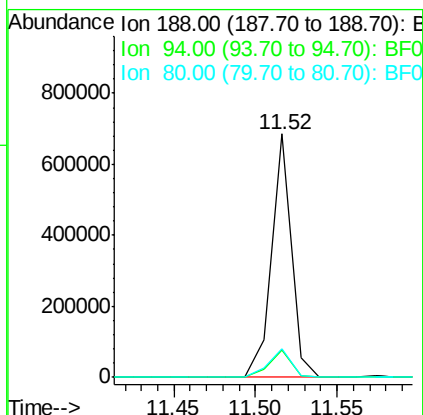
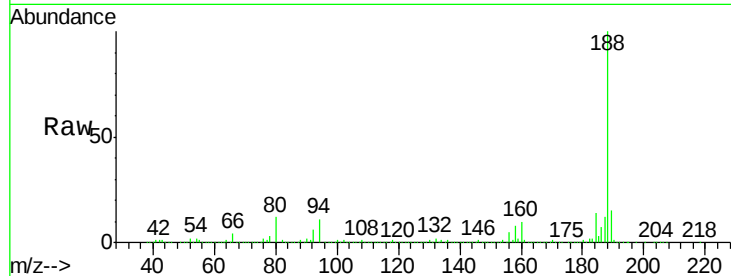




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092554.D
Acq: 27 Jan 2017 4:43

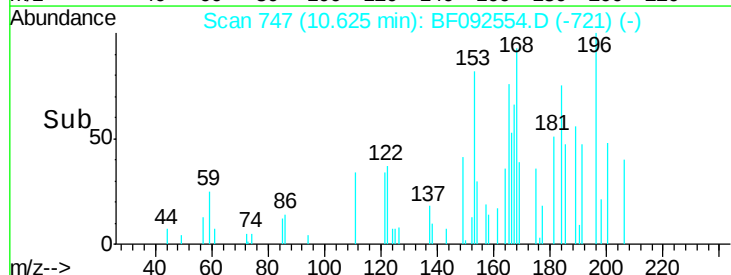
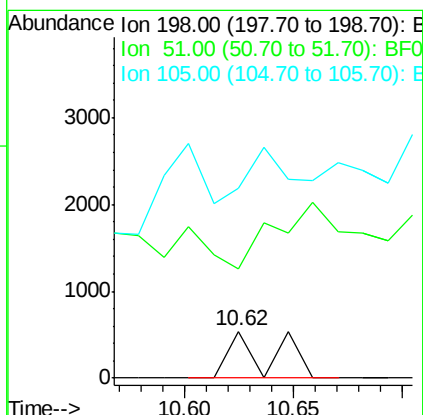
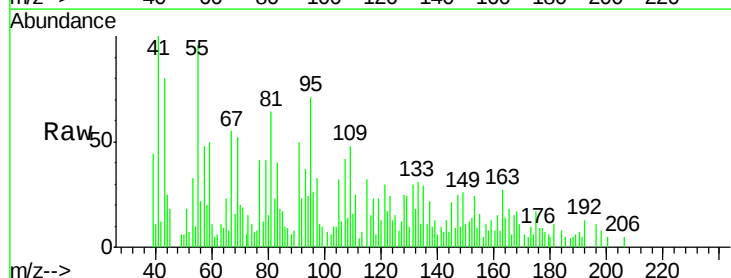
Instrument :
BNA_F
ClientSampleId :
W-24

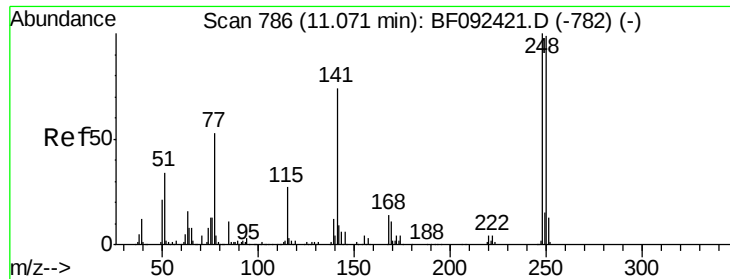
Tgt Ion:188 Resp: 586504
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 11.6 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.16 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092554.D
Acq: 27 Jan 2017 4:43

Tgt Ion:198 Resp: 740
Ion Ratio Lower Upper
198 100
51 232.6 6.7 46.7#
105 406.3 16.6 56.6#

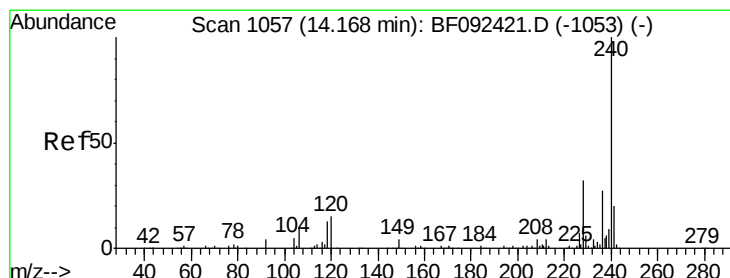
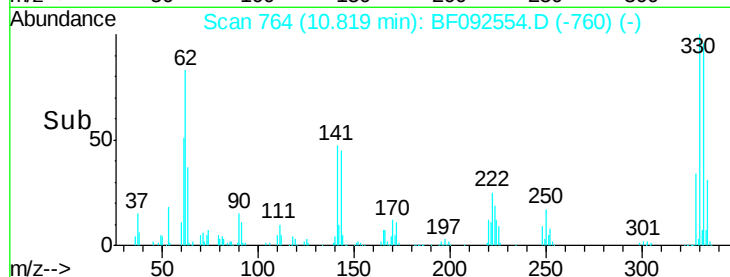
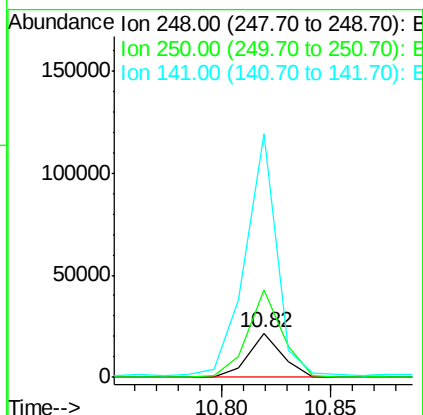
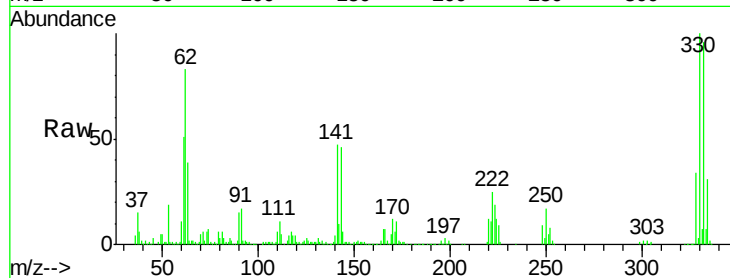




#66
4-Bromophenyl-phenylether
Concen: 3.98 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092554.D
Acq: 27 Jan 2017 4:43

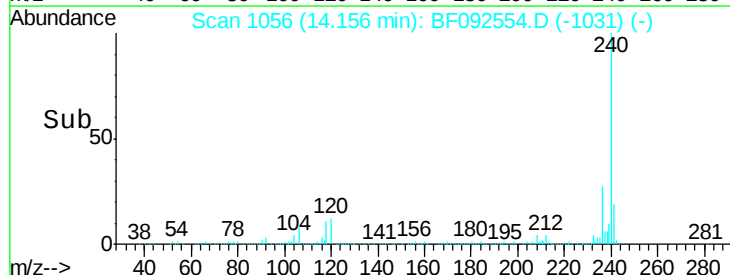
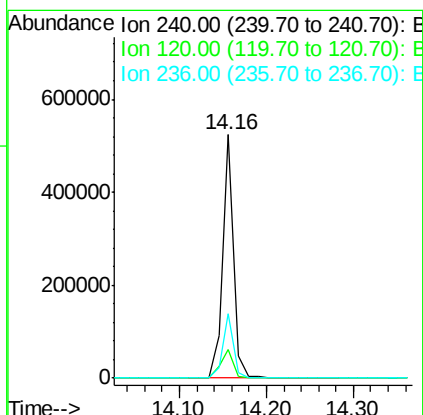
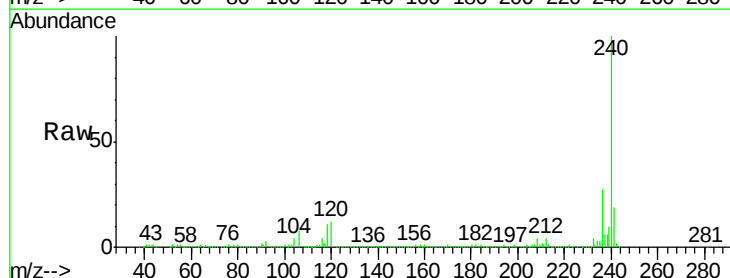
Instrument :
BNA_F
ClientSampleId :
W-24

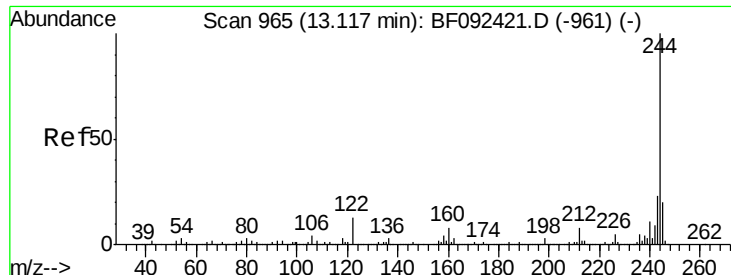
Tgt Ion:248 Resp: 23546
Ion Ratio Lower Upper
248 100
250 197.6 76.9 115.3#
141 552.4 68.2 102.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092554.D
Acq: 27 Jan 2017 4:43

Tgt Ion:240 Resp: 465587
Ion Ratio Lower Upper
240 100
120 11.9 12.9 19.3#
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 97.92 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092554.D

Acq: 27 Jan 2017 4:43

Instrument :

BNA_F

ClientSampleId :

W-24

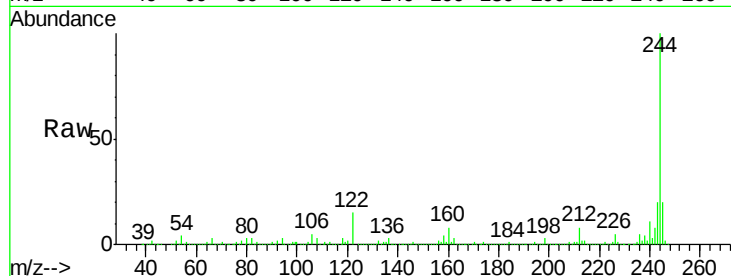
Tgt Ion:244 Resp: 1712165

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

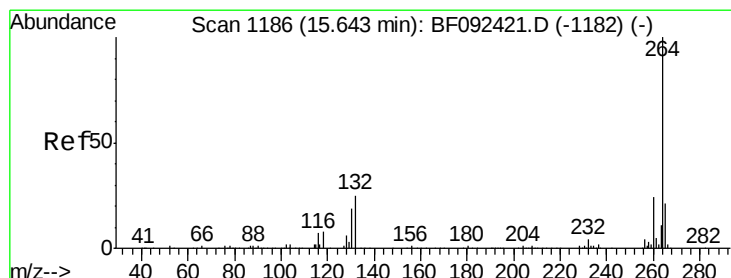
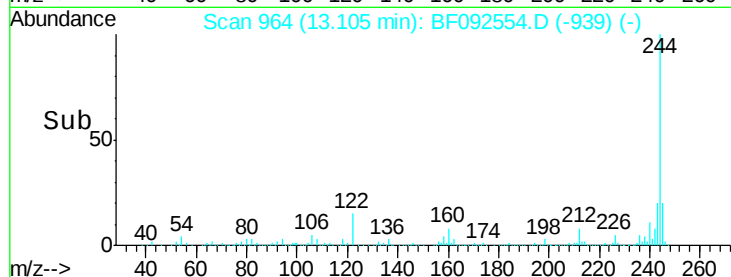
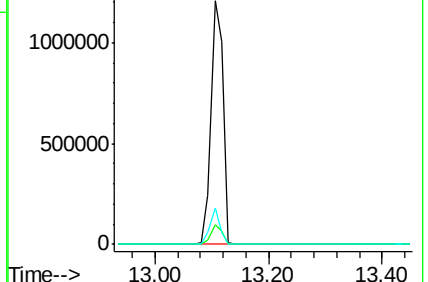
122 14.8 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.64 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF092554.D

Acq: 27 Jan 2017 4:43

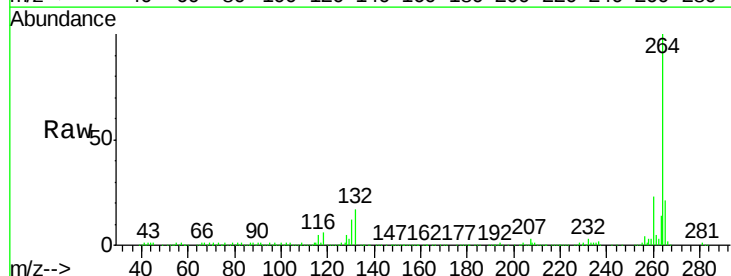
Tgt Ion:264 Resp: 339287

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.4 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

